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Sheet

1

INFORMATION **DISCLOSURE STATEMENT** BY APPLICANT

of

1

Comp	olete if Known	
Application Number	10/767,249	
Filing Date	January 28, 2004	
First Named Inventor	Stuelpnagel, John	
Art Unit	1639	
Examiner Name	Wang, Andrew J.	
Attorney Docket Number	01-00009	

			U.S.	PATENT DO	CUMENTS	
Examiner Initials*		Cite No.1	Document Number/Kind Code <sup>a</sup>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		1	4,895,706	01/23/1990	Root et al.	
		2	5,073,029	12/17/1991	Eberly et al.	
$\Delta$	/	3	5,100,775	03/31/1992	Smyczek et al.	
	<b>/</b>	4	5,278,048	01/11/1994	Parce et al.	
						<u> </u>

		FOREI	GN PATENT I	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ <sup>¢</sup>
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Examiner /Molly Baughman/	Date Considered	06/30/2006
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considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kind Codes of USPTO Patent Documents at <a href="https://www.usplo.gov">www.usplo.gov</a> or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

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Kind of occument by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

rubstitute for form 1449/PTO Complete if Known **Application Number** 10/767,249 INFORMATION Filing Date 01/28/2004 DISCLOSURE John Stuelpnagel First Named Inventor **STATEMENT** 1645 Art Unit BY APPLICANT **Examiner Name** To be assigned Sheet of 1 **Attorney Docket Number** 01-00009

	U.S. PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	Document Number/Kind Code <sup>2</sup>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear						
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		FOREI	<b>GN PATENT</b>	DOCUMENTS				
Examiner Initials*			No.1 Country Code3-Number*-Kind		D.1 Country Code3-Number*-Kind Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
MEB	1	WO 89/10977	11/16/89	Isis Innovation Limited				
1	2	WO 90/00626	01/25/90	Baylor College of Medicine				
	3	WO 90/03382	04/05/90	Isis Innovation Limited				
	4	WO 90/15070	12/13/90	Affymax Technologies N.V.				
	5	WO 90/10092	06/25/92	Affymax Technologies N.V.				
	6	WO 92/10587	06/25/92	Affymax Technologies N.V.				
	7	WO 92/10588	06/25/92	Affymax Technologies N.V.				
	8	WO 93/09668	05/27/93	Affymax Technologies N.V.		İ		
	9	WO 93/11262	06/10/93	Bertin & Cie				
	10	WO 93/22053	11/11/93	Trustees of University of Pennsylvania				
	11	WO 93/22058	11/11/93	Trustees of University of Pennsylvania				
	12	WO 02/00336	01/03/02	Illumina, Inc.				
	13	EP 0 260 965	03/23/88	Pacific Biotech Inc.				
	14	EP 0 378 968	07/25/90	Isis Innovation Limited & Ciba-Geigy AG				
V	15	EP 0 417 305	03/20/91	Idemitsu Petrochemical Co. Ltd.				

Examiner Signature	/Molly Baughman/	Date Considered	07/05/2006
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## DS - 09/09/2@LECTRONIC INFORMATION DISCLOSURE STATEMENT

#### Electronic Version v18

Stylesheet Version v18.0

Title of Invention COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER

Application Number :

10/767249

Confirmation Number:

4783

First Named Applicant:

John Stuelpnagel

Attorney Docket Number:

01-00009

Art Unit:

1645

Examiner:

Search string:

( 3281860 or 3690836 or 3710933 or 3802966 or 4016855 or 4121222 or 4204929 or 4373071 or 4458066 or 4500707 or 4728502 or 4731325 or 4780504 or 4812512 or 4815274 or 4853335 or 4877745 or 4878971 or 4963498 or 4992383 or 5021550 or 5047524 or 5141813 or 5153319 or 5188963 or 5200051 or 5204253 or 5256549 or 5281516 or 5281540 or 5287272 or 5288514 or 5300779 or 5304487 or 5310469 or 5314829 or 5320808 or 5322799 or 5346672 or 5358691 or 5374395 or 5382511 or 5384261 or 5436129 or 5451500 or 6355431 or 6396995 or 6429027 or 6544732

or 6551817 ).pn

### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

ir	nit	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
M	EB	1	3281860	1966-10-25	Adams			
		2	3690836	1972-09-12	Buissiere			
		3	3710933	1973-01-16	Fulwyler			
		4	3802966	1974-04-09	Delekto			
		5	4016855	1977-04-12	Mimata			
		6	4121222	1978-10-17	Diebold			
		7	4204929	1980-05-27	Bier			
		8	4373071	1983-02-08	Ikatura			
		9	4458066	1984-07-03	Caruthers			
		10	4500707	1985-02-19	Caruthers			
L		11	4728502	1988-03-01	Hamill			
L		12	4731325	1988-03-15	Palva			
		13	4780504	1988-10-25	Buenadia			
L		14	4812512	1989-03-14	Buenadia			
		15	4815274	1989-03-28	Piatti			
L		16	4853335	1989-08-01	Olsen			
7	Z	17	4877745	1989-10-31	Hayes			
	<b>V</b>	18	4878971	1989-11-07	Tsunekawa			

MEB	19	4963498	1990-10-16	Hillman		
	20	4992383	1991-02-12	Farnsworth		
	21	5021550	1991-06-04	Zeiger		
П	22	5047524	1991-09-10	Andrus		
П	23	5141813	1992-08-25	Nelson		
	24	5153319	1992-10-06	Caruthers		
	25	5188963	1993-02-23	Stapleton		
	26	5200051	1993-04-06	Cozzette		
	27	5204253	1993-04-20	Sanford		
	28	5256549	1993-10-26	Urdea		
	29	5281516	1994-01-25	Stapleton	T T	
$\sqcap$	30	5281540	1994-01-25	Merkh		
	31	5287272	1994-02-15	Rutenberg		ĺ
	32	5288514	1994-02-22	Ellman		
$\Box$	33	5300779	1994-04-05	Hillman		
	34	5304487	1994-04-19	Wilding		
$\neg \Box$	35	5310469	1994-05-10	Cunningham		
$\Box$	36	5314829	1994-05-24	Coles		4
$\Box$	37	5320808	1994-06-14	Holen		
$\sqcap$	38	5322799	1994-06-21	Miller		
$\Box$	39	5346672	1994-09-13	Stapleton		
	40	5358691	1994-10-25	Clark		
$\Box$	41	5374395	1994-12-20	Robinson		
П	42	5382511	1995-01-17	Stapleton		
	43	5384261	1995-01-24	Winkler		ĺ
	44	5436129	1995-07-25	Stapleton		
	45	5451500	1995-09-19	Stapleton		ĺ
	46	6355431	2002-03-12	Chee		ĺ
	47	6396995	2002-05-28	Stuelpnagel		
	48	6429027	2002-08-06	Chee		
	49	6544732	2003-04-08	Chee		
V	50	6551817	2003-04-22	Besemer		

# Signature

Examiner Name	Date
/Molly Baughman/	07/05/2006

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Stylesheet Version v18.0

Title of Invention COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER

**Application Number:** 

10/767249

Confirmation Number:

4783

First Named Applicant:

John Stuelpnagel

Attorney Docket Number:

01-00009

Art Unit:

1645

Examiner:

Search string:

( 6620584 or 6663832 or 20020132221 or 20020132241 or 20020150909 or 20020177141 or 20030032204 or 20030096239 or 20030108867 or 20030108900

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#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
MEB	1	6620584	2003-09-16	Chee			
MER	2	6663832	2003-09-16	Lebl			

### **US Published Applications**

Note: Applicant is not required to submit a paper copy of cited US Published Applications

in	it	Cite.No.		Date	Applicant	Kind	Class	Subclass
M	EB	1	20020132221	2002-09-19	Chee			
		2	20020132241	2002-09-19	Fan			
		3	20020150909	2002-10-17	Stuelpnagel			
		4	20020177141	2002-11-28	Chee			
		5	20030032204	2003-02-13	Walt			
		6	20030096239	2003-05-22	Gunderson			
		7	20030108867	2003-06-12	Chee			
		8	20030108900	2003-06-12	Oliphant			

### **Signature**

Examiner Name	Date

/Molly Baughman/	07/05/2006	

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Substitut	e for form	1449/PTO		Comp	olete if Known
	NIEGI	344 A TI		Application Number	10/767,249
INFORMATION DISCLOSURE				Filing Date	01/28/2004
		TEMEN		First Named Inventor	Stuelpnagel et al.
		PLICA		Art Unit .	To be assigned
DI AITEIOAIT		Examiner Name	To be assigned		
Sheet	1	of	11	Attorney Docket Number	01-00009

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number/Kind Code <sup>2</sup>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
MEB	1	4,200,110	4/29/1980	Peterson					
	2	4,499,052	2/12/1985	Fulwyler					
	3	4,672,040	6/9/1987	Josephson					
	4	4,682,895	7/28/1987	Costello					
	5	4,785,814	11/22/1988	Kane					
1/	6	4,822,746	4/18/1989	Walt					
V	7	4,824,789	4/25/1989	Yafuso					

		FOREI	GN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.'	Foreign Patent Document Country Code*-Number*-Kind Code*	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
MEB	8	EP 0 269 764	06/08/1988	Molecular Biosystems, Inc.		
	9	WO-89/11101	11/16/1989	Dynal A.S.		
	10	EP 0 392 546	10/17/1990	Ro Institut Za Molekularnu Genetiku I Geneticko Inzenjerstvo		
	11	EP 0 478 319	04/01/1992	Kabushiki Kaisha Toshiba		
	12	WO-93/02360	02/07/1993	Trans-Med Biotech, Inc.		$\neg$
	13	WO-93/06121	04/01/1993	Affymax Technologies		
	14	WO-96/03212	02/08/1996	Sydney Brenner		
	15	EP 0 723 146	07/24/1996	SRI International		
	16	WO-97/14028	04/17/1997	Luminex Corp.	-	$\neg$
	17	WO-97/14928	04/24/1997	Norman Brint		
1/-	18	WO-97/33737	09/18/1997	Pres. and Fellows of Harvard College		
<u> </u>	19	WO-97/40385	10/30/1997	Michael Seul		

Examiner Signature /Molly Baughman/	Date Considered	07/05/2006
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	MEA	388 A TI A		Application Number	10/767,249
INFORMATION DISCLOSURE				Filing Date	01/28/2004
		TEMEN		First Named Inventor	Stuelpnagel et al.
		PLICA	-	Art Unit	To be assigned
	וא	LIOA	141	Examiner Name	To be assigned
Sheet	2	of	11	Attorney Docket Number	01-00009

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MEB	20	4,999,306	3/12/1991	Yafuso				
	21	5,002,867	3/26/1991	Macevicz				
	22	5,028,545	7/2/1991	Soini				
	23	5,105,305	4/14/1992	Betzig				
	24	5,114,864	5/19/1992	Walt				
1/	25	5,132,242	7/21/1992	Cheung				
V	26	5,143,853	9/1/1992	Walt	<u>-</u>			

		FOREI	GN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>8</sup>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Te
MEB	27	WO-98/08092	02/26/1998	SmithKline Beecham Corporation		
	28	WO-98/29736	07/09/1998	Genometrix Inc.		
	29	WO-98/40726	09/17/1998	Trustees of Tufts College		
	30	WO-98/50782	11/12/1998	Trustees of Tufts College		
	31	WO-98/53300	11/16/1998	Lynx Therapeutics		
	32	WO-98/53093	11/26/1998	Bioarray Solutions LLC and Rutgers, the State University of New Jersey		
	33	WO-99/05320	02/04/1999	Rapigene, Inc.		
	34	WO-99/18434	04/15/1999	Trustees of Tufts College		
	35	WO-99/60170	11/25/1999	Hyseq, Inc.		
	36	WO-99/67414	12/29/1999	Glaxo Wellcome Inc.		
	37	WO-00/04372	01/27/2000	The Board of Regents, the University of Texas System		
V	38	WO-00/13004	03/09/2000	Trustees of Tufts College		

Examiner Signature /Molly Baughman/	Date Considered	07/05/2006
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		~~~~		Application Number	10/767,249
INFORMATION DISCLOSURE		Filing Date	01/28/2004		
		LOSUR		First Named Inventor	Stuelpnagel et al.
			-	Art Unit	To be assigned
	BY APPLICANT		14.1	Examiner Name	To be assigned
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	40	5,194,300	3/16/1993	Cheung					
1	41	5,244,636	9/14/1993	Walt					
	42	5,244,813	9/14/1993	Walt					
	43	5,250,264	10/5/1993	Walt					
1/	44	5,252,494	10/12/1993	Walt					
_ <b>V</b> _	45	5,254,477	10/19/1993	Walt					

		FOREIG	GN PATENT	DOCUMENTS	· · · _ · · · · ·	
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MEB	46	WO-00/16101	03/23/2000	Trustees of Tufts College		
MEB	47	WO-00/48000	08/17/2000	Illumina, Inc.		
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INFORMATION DISCLOSURE				Filing Date	01/28/2004
	STAT			First Named Inventor	Stuelpnagel et al.
	BY APP			Art Unit	To be assigned
DI AIT LIOAN		Examiner Name	To be assigned		
Sheet	4	of	11	Attorney Docket Number	01-00009

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	49	5,302,509	4/12/1994	Cheeseman					
	50	5,320,814	6/14/1994	Walt					
	51	5,357,590	10/18/1994	Auracher					
	52	5,380,489	1/10/1995	Sutton					
	53	5,435,724	7/25/1995	Goodman	1				
W	54	5,445,970	8/29/1995	Rohr	1				

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Substitute for form 1449/PTO				Comp	Complete if Known		
				Application Number	10/767,249		
INFORMATION DISCLOSURE				Filing Date	01/28/2004		
	STATE			First Named Inventor	Stuelpnagel et al.		
6				Art Unit	To be assigned		
BY APPLICANT				Examiner Name	To be assigned		
Sheet	5	of	11	Attorney Docket Number	01-00009		

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number/Kind Code <sup>3</sup>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
MEB	55	5,481,629	1/2/1996	Tabuchi					
ı	56	5,494,798	2/27/1996	Gerdt					
	57	5,496,997	3/5/1996	Pope					
	58	5,512,490	4/30/1996	Walt					
	59	5,516,635	5/14/1996	Ekins					
\/	60	5,518,883	5/21/1996	Soini					
$\overline{\mathbf{A}}$	61	5,545,531	8/13/1996	Rava					

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INFORMATION DISCLOSURE				Filing Date	01/28/2004
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	BY API			Art Unit	To be assigned
				Examiner Name	To be assigned
Sheet	6	of	11	Attorney Docket Number	01-00009

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MEB	62	5,565,324	10/15/1996	Still					
ı	63	5,573,909	11/12/1996	Singer					
1,1	64	5,575,849	11/19/1996	Honda					
	65	5,595,915	1/21/1997	Geysen					
	66	5,633,972	5/27/1997	Walt					
	67	5,639,603	6/17/1997	Dower					
$\mathbf{V}$	68	5,656,241	8/12/1997	Seifert					

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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>3</sup>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ţª
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}				Application Number	10/767,249
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DISCLOSURE STATEMENT		First Named Inventor	Stuelpnagel et al.		
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Sheet	7	of	11	Attorney Docket Number	01-00009

			U.S.	PATENT DO	CUMENTS	
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ME	В	69	5,690,894	11/25/1997	Pinkel	
	L	70	5,814,524	9/29/1998	Walt	
		71	5,837,196	11/17/1998	Pinkel	
		72	5,840,256	11/24/1998	Demers	
		73	5,854,684	12/29/1998	Stabile	
	1	74	5,863,708	1/26/1999	Zanzucchi	
	7	75	5,863,722	1/26/1999	Brenner	

		FOREI	GN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T-8
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		EMEN		First Named Inventor	Stuelpnagel et al.	
	BY API		-	Art Unit	To be assigned	
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Sheet	8	of	11	Attorney Docket Number	01-00009	

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MEB	76	5,874,219	2/23/1999	Rava	
l	77	5,888,723	3/30/1999	Sutton	
	78	5,900,481	5/4/1999	Lough	
Ψ	79	6,023,540	2/8/2000	Walt	

		FOREI	GN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code*-Number*-Kind Code <sup>5</sup>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Te
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	DISCLOSURE STATEMENT		First Named Inventor	Stuelpnagel et al.	
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Sheet	9	of	11	Attorney Docket Number	01-00009

		NON PATENT LITERATURE DOCUMENTS	172		
Examiner Initials* Cite No.1  MEB 80		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published.			
		ABEL et al., "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," Analytical Chemistry, 68:2905 - 2912 (1996).			
	81	ANONYMOUS, "Fluorescent Microspheres," Tech. Note 19, Bangs Laboratories, (Fishers, IN) (1997).			
	82	ANONYMOUS, "Microsphere Selection Guide," Bangs Laboratories, (Fisher, IN) (1998).			
	83	BANGS, L. B., "Immunological Applications of Microspheres," The Latex Course, Bangs Laboratories (Carmel, IN) (1996).			
	84	BARNARD et al., "A Fibre-Optic Chemical Sensor with Discrete Sensing Sites," Nature, 353:338 - 340 (1991).			
	85	CZARNIK, A., "Illuminating the SNP Genomic Code," Modern Drug Discovery, 1:49 - 55 (1998).			
	86	DRMANAC, R. et al., "Prospects for a Miniaturized, Simplified and Frugal Human Genome Project," Scientia Yogoslavica, 16:97 - 107 (1990).			
	87	DRMANAC, R. et al., "Sequencing by Hybridization," Automated DNA Sequencing and Analysis, ed. M. Adams, C. Fields and J. Venter (1994).			
	88	DRMANAC, R. et al., "Sequencing by Hybridization (SBH) with Oligonucleotide Probes as an Integral Approach for the Analysis of Complex Genomes," International Journal of Genome Research, 1:59 - 79 (1992).			
	89	DRMANAC, R. et al., "Sequencing by Oligonudeotide Hybridization: A Promising Framework in Decoding of the Genome Program," The First International Conference of Electrophoreis, Supercomputing and the Human Genome, Proceedings of the April 10-13, 1990 Conference at Florida Statue University. Ed. C. Cantor and H. Lim (1990).			
$\forall$	90	FERGUSON et al., "A Fiber-Optic DNA Biosensor Microarray for the Analysis of Gene Expression," Nature Biotechnology, 14:1681 - 1684 (1996).			

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		LOSUR		First Named Inventor	Stuelpnagel et al.	
STATEMENT BY APPLICANT				Art Unit	To be assigned	
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Sheet 10 of 11		Attorney Docket Number	01-00009			

NON PATENT LITERATURE DOCUMENTS							
Initials* No		Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	1,			
MEB		91	FUH et al., "Single Fibre Optic Fluorescence pH Probe," Analyst, 112:1159 - 1163 (1987).				
92		92	HEALEY et al., "Development of a Penicillin Biosensor Using a Single Optical Imaging Fiber," SPIE Proc., 2388:568 - 573 (1995).				
		93	HEALEY et al., "Fiberoptic DNA Sensor Array Capable of Detecting Point Mutations," Analytical Biochemistry, 251:270 - 279 (1997).				
		94	HEALEY et al., "Improved Fiber-Optic Chemical Sensor for Penicillin," Analytical Chemistry, 67:4471 - 4476 (1995).				
		95	HIRSCHFELD et al., "Laser-Fiber-Optic 'Optrode' for Real Time In Vivo Blood Carbon Dioxide Level Monitoring," Journal of Lightwave Technology, LT-5:1027 - 1033 (1987).				
		96	ILLUMINA INC., "Emerging," Windhover's In Vivo, The Business and Medicine Report, 1 - 2 (1998).				
		97	ILLUMINA INC., Slides presented by Illumina at Cambridge Healthtech Institute's Implications of Human Genetic Variation - SNP's, Polymorphisms, Diseases & Treatment. November 18-19, 1998, Waltham, Massachusetts.				
		98	MICHAEL et al., "Fabrication of Micro- and Nanostructures Using Optical Imaging Fibers and their use as Chemical Sensors," Proc. 3rd Intl. Symp., Microstructures and Microfabricated Systems, ed. P.J. Hesketh, et al., v.97-5, Electrochem. Soc., 152 -157 (1997).				
		99	MICHAEL et al., "Making Sensors out of Disarray: Optical Sensor Microarrays," Proc. SPIE, 3270:34 - 41 (1998).				
		100	MICHAEL et al., "Randomly Ordered Addressable High-Density Optical Sensor Arrays," Analytical Chemistry, 70:1242 -1248 (1998).				
101 MIGNANI et al., "In-Vivo Biomedical Monitoring by Fiber-Optic System of Lightwave Technology, 13:1396 - 1406 (1995).		MIGNANI et al., "In-Vivo Biomedical Monitoring by Fiber-Optic Systems," Journal of Lightwave Technology, 13:1396 - 1406 (1995).					

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	-			First Named Inventor	Stuelpnagel et al.	
	STATEMENT BY APPLICANT			Art Unit	To be assigned	
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Sheet	11	of	11	Attorney Docket Number	01-00009	

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MEB	PANTANO et al., "Ordered Nanowell Arrays," Chem. Mater., 8:2832 - 2835 (1996).		
103		PETERSON, et al., "Fiber-Optic Sensors for Biomedical Applications," Science, 13:123 - 127 (1984).	
	104	PETERSON, J. et al., "Fiber Optic pH Probe for Physiological Use," Analytical Chemistry, 52:864 - 869 (1980).	
	105	PIUNNO et al., "Fiber-Optic DNA Sensor for Fluorometric Nucleic Acid Determination," Analytical Chemistry, 67:2635 -2643 (1995).	
	106	POPE, E., "Fiber Optic Chemical Microsensors Employing Optically Active Silica Microspheres," SPIE Proc., 2388:245 – 256 (1995).	
	107	STRACHAN et al., "A Rapid General Method for the Identification of PCR Products Using a Fibre-Optic Blosensor and its Application to the Detection of Listeria," Letters in Applied Microbiology, 21:5 - 9 (1995).	
	108	VENTON et al., "Screening Combinatorial Libraries," Chemometrics and Intelligent Laboratory Systems, NL, Elsevier Science Publishers, Amsterdam, 48:131 - 150 (1999).	
	109	WALT, D., "Fiber Optic Imaging Sensors," Acc. Chem. Res., 31:267 -278 (1998).	
$\overline{\mathbf{V}}$	110	WALT, D., "Fiber-Optic Sensors for Continuous Clinical Monitoring," Proc. IEEE, 80:903 - 911 (1992).	

Examiner Signature /Molly Baughman/	Date Considered	07/05/2006
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